

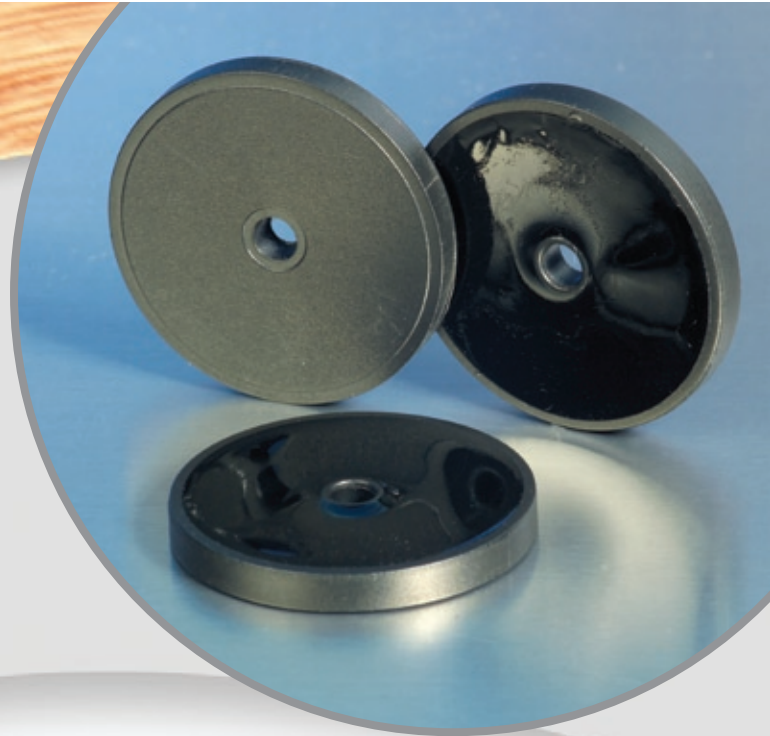
# Product Information



**RFID Solutions**

## Polyurethane Tag

Polyurethane tag for high temperature rugged environment containing a RFID module and antenna.



### MECHANICAL DIMENSIONS

<b>Diameter</b>	▶ 25mm ± 0.2mm	▶ 30mm ± 0.2mm
<b>Hole</b>	▶ 3.0mm ± 0.2mm	▶ 3.0mm ± 0.2mm
<b>Thickness</b>	▶ 3.2mm ± 0.2mm	▶ 2.2mm ± 0.3mm

### CHIP TYPE

- ▶ EM series, Atmel series, NXP series, Infineon series

### ELECTRICAL

<b>LF operating frequency</b>	▶ 125 kHz* ± 6kHz
<b>HF operating frequency</b>	▶ 13.56 MHz Reader Standard (ISO/IEC 15693)

### TEMPERATURE

<b>Storage</b>	▶ -25°C ~ +115°C
<b>Operating</b>	▶ -25°C ~ +75°C

### MATERIAL

- ▶ Black polycarbonate half shell housing, copper wire antenna and module potted in polyurethane
- ▶ Enclosure rating: IP67

### OPTIONS

- ▶ Code printing: colour blue or white
- ▶ 1 side logo printing, adhesive backing, laser engraving

### TYPE NUMBER

- ▶ TGU-XX (injection Tag, XX denotes IC)

### SES RFID SOLUTIONS

Angermunder Straße 19 · 40489 Düsseldorf · Germany  
Telephone +49 203 729 7101 · Fax +49 203 738 49912  
sales@sesrfid.com · www.sesrfid.com

\*frequency adjustment 100kHz ~ 150kHz

Specification is subject to change without notice. Version 2009